

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7 25 FUNSTON ROAD KANSAS CITY, KANSAS 66115

OCT 0 9 1985

SUPERFUND BRANCH

September 30, 1985

**MEMORANDUM** 

SUBJECT: Preliminary Assessment, Keokuk Steel Casting Companny, Keokuk, Iowa

FROM:

Paul E. Doherty

Chief, SINV/EP&R/ENSV

TO:

Robert L. Morby

Chief, SPFD

THRU:

William J. Keffer

Chief, EP&R/ENSV

John C. Wicklung 77

David A. Wagoner Director, WSTM

Attached for your information is a preliminary assessment of the above referenced facility. A preliminary assessment form was previously transmitted to your office on February 5, 1985, but was not previously counted in the 2nd Quarter or 3rd Quarter, FY85 preliminary assessment accomplishments.

If you have any questions or comments, please call me at 236-3888.

Attachments

SUPERFUND

55

30279642 Superfund 9/30

0400

9/30/85

#### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PARTJ - SITE INFORMATION AND ASSESSMENT

I. IDENT	IFICATION
01 STATE	02 SITE NUMBER
IA	D980318133

M. SITE NAME AND LOCATION		_				
****	m FTAI das	STREET	ROUTE NO DOS	PECIFIC LOCATION IDENTIFIER		
· · · · · · · · · · · · · · · · · · ·						
Keokuk Steel Casting Company			Royal Roa		101000000	22.00
;	- 1		· •	6 COUNTY	07COUNTY COD€ 111	DIST
Keokuk	I.	A	52632	LEE	1111	1
09 COORDINATES LATITUDE LONGITUDE						
40°_25'_46_0"091°_25'_2	<u>o .u.                                   </u>			<del></del>		
Site located on 240 Royal Road Ke	akuk Taw	2	Drocood N	lonth on Wighway I	IC 210	
(Main St.) to Royal Road. Turn west						
I	, proceed	1 1	TIOCK LO K	CONUN SCEET CASC	1119•	
III. RESPONSIBLE PARTIES			<del></del>	<del></del>	····	
O1 OWNER (# Angum)	102	STREET	(Business, meding res	desheli		
Kast Metal Corporation			Morgan St			
03 C/TY		_	05 ZIP CODE	06 TELEPHONE NUMBER		
	i i	1		319' 524-2661		
Keokuk  O7 OPERATOR (If known and different from owner)		STREET	52632		L	
Mr. Paul Alan	_		Royal Roa			
OP CITY			112P CODE	112 TELEPHONE NUMBER	<del>r</del>	
Keokuk .	I		52632	(319) 524-2661		
13 TYPE OF OWNERSHIP (Check gree)			<u> </u>	1013/324 2001		
XXA. PRIVATE D B. FEDERAL			. DC STATE	DD COUNTY DE.MUI	NICIPAL	
☐ F. OTHER	gency name)		. D G UNKNO	THAN		
(floecity) 14 OWNER/OPERATOR NOTIFICATION ON FILE (Check at that apply)					·	
	SMCCONTROLLED	WAST	SITE (CERC) A 101	. DATE BECENTED: /	, пе	NONE
g) A. RCRA 3001 DATE RECEIVED: 6 / 28/ 84 DB. L			- CITE ICE ACCA 1001	MONTH DA	Y YEAR	
IV. CHARACTERIZATION OF POTENTIAL HAZARD  OI ON SITE RSPECTION  BY (Crock of that				····		
X VES DATE 1 , 7, 85 DA.EPA	B. EPA CO	NTRA	CTOR 🗆 C	C. STATE D. OTHER	CONTRACTOR	
□ NO MONTH DAY YEAR □ E. LOCAL	HEALTH OFFICIA	ר ב	F. OTHER	+ 7 (Specty)		
CONTRACTO	R NAME(S). EC	0100	y & Envir	onment, Inc.		
	EARS OF OPERATIO		6   Proco	nt _		
Ď A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN	Aug.	DONG YE				ij
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALL				,		
Baghouse dust: EP toxicity: 144m	g/l Lead			SHP	ERFUNI	<b>כ</b>
				201	F141 W.A.	
				001	1 5 198 <b>5</b>	,
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POP	PULATION				10 000	
Buck from Aug Summer mustures due	A	-1		:	G	
Dust from Arc Furnace produces dus				ic of feat		
EP toxicity - lead a systematic po	ison with	cun	mulative	errect.		
V. PRIORITY ASSESSMENT				<del></del>		
O1 PRIORITY FOR INSPECTION (Check one if high or medium is checked, complete	Part 2 - Waste Informatio	n and Par	1 3 - Description of Haze	rdous Conditions and Incidents)	<del></del>	
[] A. HIGH [XB. MEDIUM [] (	C. LOW		D. NONE	•		
(Inspection required promptly) (Inspection required)	After section that seek		1 (NO NATA	er action needed, complete current disposi	DON FORMU	
VI. INFORMATION AVAILABLE FROM	F 14.00.			<del></del>	03 TELEPHONE	MI MADED
	F (Agency/Organization	J				
Dave Crawford	EPA				(913) 374·	-6529
04 PERSON RESPONSIBLE FOR ASSESSMENT 06 A	GENCY	6 ORGA	NIZATION	07 TELEPHONE NUMBER	08 DATE	7 OF
Hubert Wieland E	&E	FIT		(913) 432-9961	MONTH DAY	7 <u>85</u> YEAR
EPA FORM 2070-12 (7-81)						

#### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

E. IDENTIFICATION
DI STATE D2 SITE NUMBER
IA D980318133

L	· · · · · · · · · · · · · · · · · · ·			EINFURMATION	] 		
	TATES, QUANTITIES, AI	ND CHARACTER	ILETICS_				
A SOLID  A SOLID  B POWDE  C SLUDG	E G GAS		of maste quantities and product of the state	O3 WASTE CHARACT  X A TOXIC  B CORRC C RADROL D PERSIS	ACTIVE G FLAMI	BLE I HIGHLY TIOUS J EXPLOS MABLE K REACT ABLE L INCOM	SIVE IVE
III. WASTE	TYPE	<del></del>		<del></del>		<del></del>	·
CATEGORY	BUBSTANCE	WAME	01 GROSS AMOUNT	D2 UNIT OF MEASURE	DO COMMENTS		
SLU	SLUDGE		0.0.000		000000000000000000000000000000000000000		
OLW	OILY WASTE		†	<del> </del>	1	<del></del>	
SOL	SOLVENTS	<del></del>	<del> </del>				
PSD	PESTICIDES	<del></del> :	1	<del> </del>			
осс	OTHER ORGANIC C	HEMICALS !	1	<u> </u>	,	<del> </del>	<del></del>
IOC	INORGANIC CHEMI	CALS	15000	yd <sup>3</sup>	Waste Cast	ing Sands -	cvanide
ACD	ACIDS		15000	yd	Waste Cast	ing Sands -	phenols
BAS	BASES						
MES	HEAVY METALS		8	ton	Baghouse du	st; EP Tead	toxicity
IV. HAZARD	OUS SUBSTANCES (See	Appendix for Most freque	ntly caed CAS Numbers				
01 CATEGORY	02 SUBSTANCE	NAME	03 CAS NUMBER	04 STORAGE/DIS	POSAL METHOD	05 CONCENTRATION	D6 ME ASURE OF CONCENTRATION
MES	Lead		<u> </u>	Barre1/La	<u>indfill</u>	700	mg/kg
		· · · · · · · · · · · · · · · · · · ·		<u> </u>	·····	EP lead to	
IOC	inorganic che	micals-cy	<u>ahide</u>	Waste pil	es on site	3.2	mg/kg
	<u> </u>	<del></del>	<b>_</b>	ļ <u>.</u>			<u> </u>
ACD	acids - pheno	ls	<u> </u>	Waste pil	es on-site	130	mg/kg
	<del></del>	<del></del>					<b></b>
		·	<u> </u>	<b></b>	<del></del>	<b></b>	<b></b>
	<b></b>			<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	<del></del>
	<del> </del>		<del></del> -	<del> </del>	<del></del>		<b></b>
ļ	<del> </del>	· <del>····························</del>	<del></del>			ļ	
	<del> </del>	<del></del>	<del>- </del>	<del> </del>		<b>}</b>	<del> </del>
	<del> </del>		<del> </del>	<del>                                     </del>		<del></del>	<del> </del>
	<del> </del>		<del></del>	<del></del>	<del></del>	<del> </del>	<del> </del>
	<del> </del>	<del></del>	+	<del> </del>		<del></del>	<del>                                     </del>
	<del> </del>		<del></del>	<del> </del>		<b></b>	<del> </del>
	<u> </u>		<u> </u>	<u> L</u>		<u> </u>	<u> </u>
V. FEEDST	DCKS (See Appendix for CAS Num	D0/3)			· · · · · · · · · · · · · · · · · · ·		
CATEGOR	Y 01 FEEDSTO	CK NAME	02 CAS NUMBER	CATEGORY	O1 FEEDST	OCK NAME	02 CAS NUMBER
FDS	N/A	<del></del>		FDS			
FDS			<u> </u>	FDS			
FDS				FDS			
FDS				FDS			L
VI. SOURCE	S OF INFORMATION (C	e specific references, a (	g , state lites sample analysis,	reports )			
Keoku EPA R	Department of N k Steel Casting egion VII CERCI gy & Environmen	g – sample .A files	analysis re	eport.			eports

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SEPA.

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 3 DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L	IDENT	TIFICATION
01	STATE	02 SITE NUMBER
	IA	D980318133

HAZARDOUS CONDITIONS AND INCIDENTS		
01 ! : A. GROUNDWATER CONTAMINATION	02 LJ OBSERVED (DATE	) ['POTENTIAL : ALLEGED
03 POPULATION POTENTIALLY AFFECTED	_ 04 NARRATIVE DESCRIPTION	
No data available		
01 IXB SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED (DATE	) & POTENTIAL - ALLEGED
Runoff from siteinto Soap Creek w	hich runs along west edg	ge of Keokuk, Iowa.
01 R C CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED UNKNOWN	02 C OBSERVED (DATE	) X. POTENTIAL E ALLEGED
One mile radius $\sim 1000$ people. New from Keokuk Steel Casting (Mr. He	eighbor complaints about	t odors emanating
01 C D. FIRE/EXPLOSIVE CONDITIONS	02 L. OBSERVED (DATE	) E POTENTIAL E ALLEGED
No data available.	04 NARRATIVE DESCRIPTION	) î potential î. Alleged
01 E E DIRECT CONTACT	02 G OBSERVED (DATE	) D POTENTIAL D ALLEGED
03 POPULATION POTENTIALLY AFFECTED	_ 04 NARRATIVE DESCRIPTION	
No data available		
01 DF. CONTAMINATION OF SOIL	02 D OBSERVED (DATE	) C' POTENTIAL L'ALLEGED
No data available	- · · · · · · · · · · · · · · · · · · ·	
01 D G DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02  OBSERVED (DATE	, D POTENTIAL & ALLEGED
No data available		
01 XD H. WORKER EXPOSURE/INJURY 55	02 & OBSERVED (DATE 5-14-84	) DI POTENTIAL D'ALLEGED
Iowa Occupational Safety and Heal of formaldehyde, diphenylmethane air around core making process.	o4 NARRATIVE DESCRIPTION  1th - health inspection , diisocyanate and dimet	citation for presence hylethylamine in
01 DI. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED.	02 OBSERVED (DATE	) D POTENTIAL D ALLEGED
No data available.		

## POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L	DENT	TECATION
01	STATE	02 SITE NUMBER
	IA	D980318133

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)			<del></del>	
01 [] J DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 [] OBSERVED (DATE	)	D POTENTIAL	C ALLEGED
No data available				
01 [] K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (Include name(s) of apecies)	02 D OBSERVED (DATE	)	D POTENTIAL	D ALLEGED
No data available		•		
01 Q L CONTAMINATION OF FOOD CHAIN	02 OBSERVED (DATE			□ ALLEGED
Run-off from waste piles flows to	cattle pasture	where anima	ls use surfa	ace waters.
(Spills runoff-standing liquids leaking drums)	02 & OBSERVED (DATE		D POTENTIAL	□ ALLEGED
Waste casting sand piled on-site w	o4 NARRATIVE DESCRIPT Vith no contain	_		
01 D N. DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02   OBSERVED (DATE.	<del> </del>	D POTENTIAL	□ ALLEGED
No data available				
01 D O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPS 04 NARRATIVE DESCRIPTION	02 DBSERVED (DATE.	)	□ POTENTIAL	□ ALLEGED
No data available				
01 D. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 COBSERVED (DATE	)	D POTENTIAL	☐ ALLEGED
No data available				,
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEG			· · · · · ·	
Waste casting sands, piled on-site (cyanides, phenols). Produce baghou lead toxicity.	, potentially (see dust which	contain hazai shows charact	rdous materi teristics of	als EP
III. TOTAL POPULATION POTENTIALLY AFFECTED:				
IV. COMMENTS				
Waste casting sands piled on-site si arge volume. Baghouse dust hauled to every 45 days.	nce opening of Blackhawk Cou	plant, there	efore there itary Landfi	is a 11
V. SOURCES OF INFORMATION (Can appechic references, e.g., state Mes	semple enelysis, reports)			
Iowa Department of Water, Air and W Keokuk Steel Casting - sample analy EPA Region VII CERCLA Files: Ec				e inspection
			TIBILITY	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**REGION 7** 25 FUNSTON ROAD KANSAS CITY, KANSAS 66115

OCT 09 1985

September 30, 1985

MEMORANDUM

SUBJECT:

Preliminary Assessment, Keokuk Steel Casting Companny, Keokuk, Iowa

FROM:

Paul E. Doherty 00

Chief, SINV/EP&R/ENSV

T0:

Robert L. Morby

Chief, SPFD

THRU:

William J. Keffer

Chief, EP&R/ENSV

John C. Wicklund Director, ENSV

David A. Wagoner

Director, WSTM

Attached for your information is a preliminary assessment of the above referenced facility. A preliminary assessment form was previously transmitted to your office on February 5, 1985, but was not previously counted in the 2nd Quarter or 3rd Quarter, FY85 preliminary assessment accomplishments.

If you have any questions or comments, please call me at 236-3888.

Attachments

SUPERFUND

### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION					
	02 SITE NUMBER				
IA	D980318133				

· · · · · · · · · · · · · · · · · · ·		THE MODE OF			
B. SITE NAME AND LOCATION					
O1 SITE NAME (Legal common or descriptive name of site)	02 510	EET, ROUTE NO . (	OR SPECIFIC LOCATION IDENTIFIER		
Keokuk Steel Casting Company		240 Royal Road			
Keokuk	IA	52632	LEE	07 COUNTY 08 CONG COOE DIST	
09 COORDINATES LATITUDE LONGITUDE					
40°_25'_46_0"091°_25'_26_!	0"		<del></del>		
10 DIRECTIONS TO SITE (Starting from meanstrainer root) Site located on 240 Royal Road Keokuk, Iowa. Proceed North on Highway US 218					
(Main St.) to Royal Road. Turn west,					
III. RESPONSIBLE PARTIES	<del></del>				
01 OWNER (# anown)		EET (Business, main	ı		
Kast Metal Corporation		0 <u>M</u> organ	St.	·	
O3 CITY	04 STA	TE 05 ZIP CODE	06 TELEPHONE NUMBER		
Keokuk	IA		319 524-2661	<u> </u>	
or operator (# income and determine comes)  Mr. Paul Alan	F	EET (Business mann) O Royal R	=		
OP CITY		TE I 1 ZIP CODE	12 TELEPHONE NUMBER	<del></del>	
Keokuk .	IA	52632	(319) 524-2661		
13 TYPE OF OWNERSHIP (Check one)		5.0.07			
XXA PRIVATE DB. FEDERAL:	namej			UNICIPAL	
☐ F. OTHER:(Soocfy)		D G. UN	KNOWN		
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check at that apply)    D A. RCRA 3001   DATE RECEIVED: 6 / 28/ 84   B. UNC	ONTROLLED WA	STE SITE ICERCIA	1034 DATE RECEIVED.	/ C. NONE	
IV. CHARACTERIZATION OF POTENTIAL HAZARD	<del></del>		, cars at a		
O1 ON SITE INSPECTION BY (Check of that apoly)		DACTOR.	D.C. STATE D. D. STATE	CONTRACTOR	
MONTH DAY YEAR DE LOCAL HEA	XD B. EPA CONT LTH OFFICIAL	☐ F. OTHER:			
- CONTRACTOR NA	ME(S): ECOT	ogy & Env	ironment, Inc."		
02 SITE STATUS (Greek and)	OF OPERATION		· · · · · · · · · · · · · · · · · · ·	_	
Ø A. ACTIVE D B INACTIVE D.C. UNKNOWN	BEGROOM	976   Pre	HG YEAR UNKNOW	/N	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGE	-		•		
Baghouse dust: EP toxicity: 144mg/	Lead		SUF	PERFUND	
			60%	1 5 4 35	
OS DESCRIPTION OF POTENTIAL MAZARD TO ENVIRONMENT AND/OR POPULA	TION		Ulu I	1.5 7-85	
				71 L.G	
Dust from Arc Furnace produces dust			Stit of lead	, _	
EP toxicity - lead a systematic pois	on with c	ummulativ	е еттест.		
V. PRIORITY ASSESSMENT	<del></del>				
01 PRIORITY FOR INSPECTION (Check one Biggs or medium is checked complete Part 2					
D A. HIGH DXB. MEDIUM D C. LC Mappection required promptly)	)W spect on the available : 	□ D. N.( 1884) (Mo	ONE Arther ection apaded, complete current diapo	sition forms	
VI. INFORMATION AVAILABLE FROM					
	ency 'Organization)			03 TELEPHONE NUMBER	
	PA Table			(913) 374-6529	
04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENC	1	RGANIZATION	07 TELEPHONE NUMBER	08 DATE	
Hubert Wieland E&E	FI	I	913 432-9961	MONTH DAY YEAR	
EPA FORM 2070-12 (7-81)					

**SEPA** 

### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENTIFICATION

OI STATE DO SITE NUMBER

IA D980318133

II. WASTE ST	II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS						
	TATES (Check of that apply)	02 WASTE QUANTIT	TY AT SITE	03 WASTE CHARACTE	ERISTICS (Cherk of the an	10%	
X A SOLID	R. FINES F LIQUID	No.51 80 m	ndependent.	X A TOXIC			OLATILE
& B POWDER : C SLUDGE	R FINES F LIQUID	TONS _		B CORROS C RADIOA	ACTIVE . G FLAMIN	MABLE . K REACTIV	VE .
	_	CUBIC YARDS _	15000 32	D PERSIST	TENT HIGHITA	ABLE , L INCOMP. M NOT API	
. D OTHER	(Spec#y)	NO OF DRUMS	32	1			•
HI. WASTE T	YPE						
CATEGORY	SUBSTANCE N	AME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS		
SLU	SLUDGE						
OLW	OILY WASTE						
SOL	SOLVENTS						
PSD	PESTICIDES						
occ	OTHER ORGANIC CH	HEMICALS '					-
100	INORGANIC CHEMIC	ALS	15000	yd <sup>3</sup>	Waste Cast	ing Sands - c	yanide
ACD	ACIDS		15000	yď		ing Sands - p	
BAS	BASES						
MES	HEAVY METALS		8	ton	Baghouse du	st; EP Tead t	coxicity
IV. HAZARDO	OUS SUBSTANCES (544 A	ppenas for most frequent	ly cred CAS Numbers				
01 CATEGORY	02 SUBSTANCE N	IAME	03 CAS NUMBER	04 STORAGE DISF	POSAL METHOD	05 CONCENTRATION	D6 MEASURE OF CONCENTRATION
MES	Lead			Barre1/La	ndfill	700	mg/kg
	i					EP lead tox	
IOC	inorganic cher	micals-cya	hide	Waste pil	es on site	3.2	mg/kg
						7	
ACD	acids - pheno	ls.	·· ·	Waste pil	es on-site	130	mg/kg
· ·			<u> </u>			,	
				<del> </del>			<del> </del>
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	<u> </u>		1	<u> </u>			L
V. FEEDSTO	CKS (See Appendix for CAS Aumos	ersi	<del></del>			<u> </u>	
CATEGORY	01 FEEDSTOC	K NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTO	XCK NAME	02 CAS NUMBER
FDS	N/A			FDS	i		
FDS				FDS	,		
FDS				FDS			
FDS:				FDS	i	•	
VI. SOURCE	S OF INFORMATION CHI	specific references, e.g.,	. Store Mas. sample analysis	проль )		<del></del>	
<del></del>	Department of Wa				Files sampl	a analysis re	enorts
	k Steel Casting				Hes, samp	c anaiyara i	spor cs
	egion VII CERCL		anaiyara re	por c.			
			-site inspe	ection - Jar	mary 17, 19	185.	
	ology & Environment (FIT) on-site inspection - January 17, 1985.						

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 3 DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION O1 STATE O2 SITE NUMBER
IA D980318133

M. HAZARDOUS CONDITIONS AND INCIDENTS			
01 L. A. GROUNDWATER CONTAMINATION	02 LI OBSERVED (DATE)	C' POTENTIAL	: ALLEGED
03 POPULATION POTENTIALLY AFFECTED	04 NARRATIVE DESCRIPTION		<del></del>
No data available			
01 DB SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 D OBSERVED (DATE	& POTENTIAL	C ALLEGED
Runoff from siteinto Soap Creek wh	ich runs along west edge o	f Keokuk, Iow	a <b>.</b>
01 S C CONTAMINATION OF AIR UNKNOWN 03 POPULATION POTENTIALLY AFFECTED	02 C OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	* POTENTIAL	T ALLEGED
One mile radius $\sim 1000$ people. Ne from Keokuk Steel Casting (Mr. Hen	ighbor complaints about odd	ors emanating	
01 C D FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED No data available.	02 L' OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	¿ POTENTIAL	L ALLEGED
01 C E DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED	02 D OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	E POTENTIAL	□ ALLEGED
No data available		7 1997 -	
01 D F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: No data available	02 D OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	L' POTENTIAL	C. ALLEGED
01 D G DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	D POTENTIAL	€ ALLEGED
No data available			
on the worker exposure/nuury of workers potentially affected.  Iowa Occupational Safety and Healt of formaldehyde, diphenylmethane, air around core making process.	02 & OBSERVED (DATE 5-14-84 ) 04 NARRATIVE DESCRIPTION th - health inspection cita diisocyanate and dimethyle	E POTENTIAL tion for pres thylamine in	C ALLEGED Sence
01 DI. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED.	02 OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	D POTENTIAL	O ALLEGED
No data available.		·	

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

	NTIFICATION
	E 02 SITE NUMBER
IA	D980318133

				<del> </del>
IL HAZARDOUS CONDITIONS AND INCIDENTS (Continued)	<del></del>	<del> </del>		
01 D J DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 D OBSERVED (DATE _	)	D POTENTIAL	C ALLEGED
No data available				
01 [] K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (Include name(1) of apacies)	02 DOBSERVED (DATE	)	D POTENTIAL	D ALLEGED
No data available	· .	,	•	
01 St CONTAMINATION OF FOOD CHAIN 34 (ARRATIVE DESCRIPTION Run-off from waste piles flows to	02 □ OBSERVED (DATE ) cattle pasture			ace waters.
-				•
01 M. UNSTABLE CONTAINMENT OF WASTES (Riputs nanoff-standing liquids likeling dilums) 03 POPULATION POTENTIALLY AFFECTED _UNKNOWN	02 & OBSERVED (DATE 04 NARRATIVE DESCRIPTION		D POTENTIAL	□ ALLEGED
Waste casting sand piled on-site	with no containm	ent.		
01 D N. DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE: _	)	[] POTENTIAL	□ ALLEGED
No data available				j
01   O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTP 04 NARRATIVE DESCRIPTION	8 02 D OBSERVED (DATE: _	)	D POTENTIAL :	_ D ALLEGED
No data available			1 10 P	•
01 D P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 (1 OBSERVED (DATE: _	)	D POTENTIAL	C: ALLEGED
No data available			·	,
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLI	EGED HAZARDS	<del> </del>		
Waste casting sands, piled on-site, potentially contain hazardous materials (cyanides, phenols). Produce baghouse dust which shows characteristics of EP lead toxicity.				
MI. TOTAL POPULATION POTENTIALLY AFFECTED:			<del></del>	
IV. COMMENTS				
Waste casting sands piled on-site since opening of plant, therefore there is a arge volume. Baghouse dust hauled to Blackhawk County Iowa Sanitary Landfill every 45 days.				
V. SOURCES OF INFORMATION (Cate aspectic references, e.g., state that sample analysis reports)				
Iowa Department of Water, Air and Waste Management files.  Keokuk Steel Casting - sample analysis report.  EPA Region VII CERCLA Files: Ecology & Environment, Inc. (FIT) on-site inspection				
			Janua	<del>iry 17, 1985</del>